

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016440.D
 Acq On : 21 Nov 2023 16:04
 Operator : SY/MD
 Sample : VY1121SBSD04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBSD04

Quant Time: Nov 22 01:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

11/22/2023

Supervised By :Semsettin

Yesilyurt

11/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	157816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	249760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	220301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	75548	52.377	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.760%			
35) Dibromofluoromethane	7.740	113	81516	57.454	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.900%			
50) Toluene-d8	10.197	98	305590	53.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.495	95	102675	54.946	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	36005	23.300	ug/l	100
3) Chloromethane	2.125	50	36743	20.303	ug/l	96
4) Vinyl Chloride	2.265	62	39846	20.475	ug/l	97
5) Bromomethane	2.662	94	25597	20.015	ug/l	95
6) Chloroethane	2.808	64	24850	20.012	ug/l	97
7) Trichlorofluoromethane	3.143	101	65483	23.128	ug/l	99
8) Diethyl Ether	3.546	74	19108	22.581	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	37841	22.191	ug/l	94
10) Methyl Iodide	4.113	142	44344	24.077	ug/l	97
11) Tert butyl alcohol	4.984	59	12911	114.308	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	35571	22.305	ug/l	84
13) Acrolein	3.753	56	12619	92.625	ug/l	98
14) Allyl chloride	4.503	41	45338	20.033	ug/l #	90
15) Acrylonitrile	5.192	53	38169	113.662	ug/l	96
16) Acetone	3.966	43	38634	161.928	ug/l #	84
17) Carbon Disulfide	4.222	76	109232	22.701	ug/l	100
18) Methyl Acetate	4.503	43	27627	21.792	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	85744	22.214	ug/l	96
20) Methylene Chloride	4.747	84	59898	34.456	ug/l #	82
21) trans-1,2-Dichloroethene	5.247	96	40578	22.099	ug/l	95
22) Diisopropyl ether	6.143	45	99471	20.395	ug/l	88
23) Vinyl Acetate	6.082	43	245768	103.995	ug/l #	90
24) 1,1-Dichloroethane	6.045	63	64018	21.276	ug/l #	94
25) 2-Butanone	7.008	43	58780	140.657	ug/l #	89
26) 2,2-Dichloropropane	7.002	77	60452	22.075	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	43680	22.073	ug/l	89
28) Bromochloromethane	7.356	49	23352	20.970	ug/l #	78
29) Tetrahydrofuran	7.368	42	29630	107.271	ug/l #	82
30) Chloroform	7.527	83	68945	22.014	ug/l	99
31) Cyclohexane	7.807	56	58247	20.511	ug/l #	83
32) 1,1,1-Trichloroethane	7.722	97	63376	22.075	ug/l	96
36) 1,1-Dichloropropene	7.935	75	54590	22.159	ug/l	98
37) Ethyl Acetate	7.094	43	21416	21.515	ug/l #	95
38) Carbon Tetrachloride	7.923	117	59256	23.175	ug/l	99
39) Methylcyclohexane	9.203	83	67361	21.943	ug/l	91
40) Benzene	8.179	78	154547	22.328	ug/l	99

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41) Methacrylonitrile	7.332	41	11187	22.289	ug/l	89
42) 1,2-Dichloroethane	8.252	62	40455	22.558	ug/l	93
43) Isopropyl Acetate	8.289	43	40475	21.035	ug/l #	86
44) Trichloroethene	8.959	130	46247	23.248	ug/l	98
45) 1,2-Dichloropropane	9.234	63	36389	21.891	ug/l	96
46) Dibromomethane	9.319	93	20705	22.985	ug/l	99
47) Bromodichloromethane	9.514	83	52176	22.530	ug/l	98
48) Methyl methacrylate	9.307	41	23004	21.632	ug/l #	80
49) 1,4-Dioxane	9.313	88	4296	449.219	ug/l #	43
51) 4-Methyl-2-Pentanone	10.081	43	105433	108.360	ug/l	89
52) Toluene	10.258	92	99675	22.781	ug/l	93
53) t-1,3-Dichloropropene	10.477	75	50683	22.576	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	59670	22.253	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	28780	23.180	ug/l	98
56) Ethyl methacrylate	10.526	69	26423	22.545	ug/l #	80
57) 1,3-Dichloropropane	10.800	76	48063	22.710	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	83116	104.588	ug/l	90
59) 2-Hexanone	10.843	43	89180	123.223	ug/l	83
60) Dibromochloromethane	10.996	129	36903	23.766	ug/l	100
61) 1,2-Dibromoethane	11.099	107	27779	23.485	ug/l	99
64) Tetrachloroethene	10.733	164	46706	23.612	ug/l	96
65) Chlorobenzene	11.526	112	104714	22.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	39068	22.504	ug/l	98
67) Ethyl Benzene	11.605	91	187633	22.182	ug/l	99
68) m/p-Xylenes	11.715	106	144198	44.944	ug/l	94
69) o-Xylene	12.044	106	66523	22.332	ug/l	96
70) Styrene	12.056	104	96595	22.646	ug/l	97
71) Bromoform	12.221	173	21676	24.063	ug/l #	98
73) Isopropylbenzene	12.343	105	182443	21.220	ug/l	99
74) N-amyl acetate	12.154	43	34357	19.894	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	29456	21.351	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	22820m	22.405	ug/l	
77) Bromobenzene	12.623	156	42582	21.914	ug/l	93
78) n-propylbenzene	12.684	91	213691	21.031	ug/l	98
79) 2-Chlorotoluene	12.770	91	117465	20.978	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	149055	21.503	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10399	22.162	ug/l	89
82) 4-Chlorotoluene	12.867	91	123540	21.351	ug/l	98
83) tert-Butylbenzene	13.087	119	131558	21.547	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	147632	21.630	ug/l	98
85) sec-Butylbenzene	13.263	105	185903	21.312	ug/l	100
86) p-Isopropyltoluene	13.379	119	164503	21.902	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	82993	22.200	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	82154	22.486	ug/l	99
89) n-Butylbenzene	13.708	91	149122	21.498	ug/l	96
90) Hexachloroethane	13.971	117	30969	21.374	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	70878	22.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4692	21.376	ug/l	85
93) 1,2,4-Trichlorobenzene	15.019	180	42806	22.892	ug/l	99
94) Hexachlorobutadiene	15.123	225	25275	23.594	ug/l	98
95) Naphthalene	15.245	128	76940	23.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	35062	22.670	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

